

5. (Amended) A composition as claimed in claim 1 wherein the gel is based on agar, agarose, gelatin or a synthetic gelling agent.

7. (Amended) A composition as claimed in claim 5 wherein the gel is a carbomer.

8. (Amended) A composition as claimed in claim 5 wherein the gelling agent contains about 0.1 to about 95%, preferably about 0.1 to about 66% water v/v and/or alcohol, preferably isopropyl alcohol (IPA) at about 0.1% to about 20% v/v.

9. (Amended) A composition as claimed in claim 1 wherein said essential oil is obtained from *Salvia lavandulifolia* or *Salvia officinalis*.

10. (Amended) A composition as claimed in claim 1 wherein said essential oil is obtained from a plant of the genera *Citrus*.

11. (Amended) A composition as claimed in claim 1 which includes essential oil obtained from the plant genera *Salvia* and *Citrus*.

13. (Amended) A composition as claimed in claim 1 comprising an anti-pruritic agent.

15. (Amended) A composition as claimed in claim 13 wherein said composition includes *Aloe vera* gel.

16. (Amended) A composition as claimed in claim 13 which comprises about 0.1 to about 5.0% w/v *Aloe vera* gel.

17. (Amended) A composition as claimed in claim 13 which comprises about 0.5% w/v *Aloe vera* gel.

19. (Amended) A method of treating a human or animal suffering from a parasitic insect infestation comprising applying to said human or animal a composition as claimed in claim 1.

24. (Amended) A composition as claimed in claim 20 wherein the alcohol is isopropyl alcohol.

25. (Amended) A composition as claimed in claim 20 wherein said essential oil is obtained from *Salvia lavandulifolia* or *Salvia officinalis*.

26. (Amended) A composition as claimed in claim 20 wherein said essential oil is obtained from a plant of the genera *Citrus*.

27. (Amended) A composition as claimed in claim 20 wherein said essential oil is obtained from the genera *Salvia* and *Citrus*.

28. (Amended) A composition as claimed in claim 20 which is formulated as a dip, spray or pour-on treatment.

30. (Amended) A method of treating a human or animal suffering from a parasitic insect infestation comprising applying to said human or animal a composition as claimed in claim 20.

32. (Amended) A method of treating an animal having a parasitic insect infestation comprising applying to said animal a composition as claimed in claim 22.

33. (Amended) A composition for use as claimed in claim 1 wherein said parasitic insects are selected from lice, lice eggs, mites, fleas or parasites associated with blowfly strike.

35. (Amended) A method suitable for treating furnishing or clothing to kill parasitic insects which comprises exposing said furnishings to a composition of the type defined in claim 20.

36. (Amended) A method suitable for treating plants to kill parasitic insects which comprises applying to said plants a composition of the type defined in claim 20.

39. (Amended) A composition as claimed in claim 38 wherein said gel is as defined in claim 5.

40. (Amended) A method of treating a human or animal having a parasitic insect infestation comprising administering a gel and an essential oil defined in claim 38.

43. (Amended) A composition for use as claimed in claim 41 wherein said galanthamine or extract is dissolved in an oil-based medium, a water/alcohol based medium or is formulated as a hair conditioner or shampoo or as a gel, dip or pour on treatment.

44. (Amended) A composition as claimed in claim 43 wherein said gel is as defined in claim 5.

48. (Amended) A method of treating a human or animal suffering from a parasitic insect infestation which comprises applying to said human or animal a composition as claimed in claim 41.

49. (Amended) A composition for use as claimed in claim 41 wherein said parasitic insects are selected from lice, lice eggs, mites, fleas or parasites associated with blowfly strike.

51. (Amended) A method suitable for treating furnishing or clothing to kill parasitic insects which comprises exposing said furnishings or clothing to a composition of the type defined in claim 41.

52. (Amended) A method suitable for treating plants to kill parasitic insects which comprises applying to said plants a composition of the type defined in claim 41.

53. (Amended) A method for killing parasitic insects selected from the *genera Aphis, Chilo, Dysdercus, Megoura, Musca, Pieris, Nilaparvata, Nephrotettix, Tetranychus, Trialeurodes, Thysanoptera and Lepidoptera*, by applying the compositions of claim 38.

54. (Amended) A method for treating humans, animals having a parasitic insect infestation comprising administering by topical application a gel carrier and one of, or a combination of two or more of, the terpenes and terpenoids selected from the group consisting of: sabinene, sabinene(+), sabinene(-), limonene(D), limonene(L), caryophyllene, myrcene, terpinen-4-ol, p-cymene, borneol, camphor, p-cymene, α -terpineol, camphene, α -pinene, β -pinene, linalool, 1,8-cineol, α/β thujone, camphene.

55. (Amended) Method as claimed in claim 54 wherein said terpene or terpenoid is selected from one or more of sabinene, p-cymene, β -pinene, myrcene, limonene and terpinen-4-ol.

56. (Amended) Method as claimed in claim 54 wherein said terpenes/terpenoids are chosen from a combination of sabinene with limonene and/or terpinen-4-ol.

57. (Amended) Method of treating humans, animals having a parasitic insect infestation comprising administering one of the terpenes and terpenoids selected from the group consisting of: sabinene, sabinene(+), sabinene(-), limonene(D), limonene(L), caryophyllene, myrcene, terpinen-4-ol, p-cymene, borneol, camphor, p-cymene, α -terpineol, camphene, α -pinene, β -pinene, linalool, 1,8-cineol, α/β thujone, camphene, at a concentration of about 4% by weight or above.

58. (^{NEW}~~Amended~~) The method of claim 57 modified to include one or more further terpene or terpenoid compounds from said group.

59. (^{NEW}~~Amended~~) A method suitable for treating furnishing or clothing to kill parasitic insects which comprises exposing said furnishing and clothing to a gel carrier and one or more of the terpenes and terpenoids, as defined in claim 54.

60. (^{NEW}~~Amended~~) A method suitable for treating plants to kill parasitic insects which comprises applying to said plants a gel carrier and one or more of the terpenes, terpenoids as defined in claim 54.

~~Please add the following new claims 61-72.~~

61. (New) A composition as claimed in claim 22 wherein the alcohol is isopropyl alcohol.

62. (New) A composition as claimed in claim 22 wherein said essential oil is obtained from *Salvia lavandulifolia* or *Salvia officinalis*.

63. (New) A composition as claimed in claim 22 wherein said essential oil is obtained from a plant of the genera *Citrus*.

64. (New) A composition as claimed in claim 22 wherein said essential oil is obtained from the genera *Salvia* and *Citrus*.

65. (New) A composition as claimed in claim 22 which is formulated as a dip, spray or pour-on treatment.

66. (New) A composition for use as claimed in claim 20 wherein said parasitic insects are selected from lice, lice eggs, mites, fleas or parasites associated with blowfly strike.

67. (New) A composition for use as claimed in claim 22 wherein said parasitic insects are selected from lice, lice eggs, mites, fleas or parasites associated with blowfly strike.

68. (New) A composition as claimed in claim 66 wherein said parasitic insects are selected from head lice (*Pediculus humanus capitis*, syn. *P. capitis*), clothing lice (*Pediculus humanus humanus* syn. *P. corporis*), pubic lice (*Phthirus pubis*), biting lice (*Bovicola ovis*), scab mite (*Psoroptes ovis*), ear mite (*Psoroptes cuniculi*), dust mites (primarily of the genus

Dermatophagoides, pig mites, cat fleas (*Ctenocephalalides felis*), dog fleas (*C. canis*), horse fleas and *Lucilia* or *Chrysomya* species.

69. (New) A composition as claimed in claim 67 wherein said parasitic insects are selected from head lice (*Pediculus humanus capitis*, syn. *P. capitis*), clothing lice (*Pediculus humanus humanus* syn. *P. corporis*), pubic lice (*Phthirus pubis*), biting lice (*Bovicula ovis*), scab mite (*Psoroptes ovis*), ear mite (*Psoroptes cuniculi*), dust mites (primarily of the genus *Dermatophagoides*, pig mites, cat fleas (*Ctenocephalalides felis*), dog fleas (*C. canis*), horse fleas and *Lucilia* or *Chrysomya* species.

70. (New) A method for killing parasitic insects selected from the genera *Aphis*, *Chilo*, *Dysdercus*, *Megoura*, *Musca*, *Pieris*, *Nilaparvata*, *Nephotettix*, *Tetranychus*, *Trialeurodes*, *Thysanoptera* and *Lepidoptera*, by applying the compositions of claim 41.

71. (New) A method suitable for treating furnishing or clothing to kill parasitic insects which comprises exposing said furnishing and clothing to a gel carrier and one or more of the terpenes and terpenoids, as defined in claim 57.

72. (New) A method suitable for treating plants to kill parasitic insects which comprises applying to said plants a gel carrier and one or more of the terpenes, terpenoids as defined in claim 57.

A marked up copy of the amended claims is attached as appendix B to facilitate the Examiner's review.